

# Kanadevia

Technology for people and planet

# Corporate Profile

## Kanadevia

Technology for people and planet

### Kanadevia Corporation

#### [Head Office]

7-89, Nankokita 1-chome, Suminoe-ku, Osaka 559-8559, Japan  
Phone: +81-6-6569-0001 Fax: +81-6-6569-0002

#### [Tokyo Head Office]

15th Floor, Omori Bellport 26-3, Minamioi 6-chome,  
Shinagawa-ku, Tokyo 140-0013, Japan  
Phone: +81-3-6404-0800 Fax: +81-3-6404-0809

## Kanadevia Brand Concept

Our brand concept is our compass for continuing our new challenges as Kanadevia; it is a definition and verbalization of the mission we need to achieve, our raison d'être, and what we want to become.

### **Taking on the challenge, through the power of technology, to create a world that lives in balance with nature.**

The Earth we all inhabit is life, shelter, and promise. That it can be both kind and cruel simply means that we do not control it and cannot presume to force our will upon it.

Through its unique technologies, Kanadevia will realize a society in harmony with the planet. It will act carefully and decisively to use the world's resources wisely, support the environment, and mitigate the threats of an uncertain future.

This is Kanadevia's way to enable our coming generations to enjoy happier lives in unity and with total peace of mind.

#### Contents

1	Kanadevia Brand Concept
3	Challenges and Our Track Record of Changes
5	Our History
7	Energy
9	Desalination / Water Treatment
11	Marine Equipment
12	Plant Equipment / Press Machines
13	Semiconductor / FPD-related Equipment
14	Food and Pharmaceutical Equipment
15	Electronic Control Equipment
16	Hydrogen and Methane related Equipment
17	Infrastructure and Disaster Prevention Systems
19	Research & Development / ICT
21	Network

## Challenges and Our Track Record of Changes

Based on our corporate philosophy of “We create value useful to society with technology and integrity to contribute to a prosperous future” and the enduring spirit of Edward Hazlett Hunter, who came to Japan at the end of the shogunate and founded numerous businesses, we have tackled many challenges up to the present day, looking towards the future we need to achieve and with our responsibilities as a corporation. We split off from the shipbuilding business in 2002, and today our focus has moved to the ever-worsening global environmental issues, so our main business fields are now in Decarbonization, Resource Circulation and Creating Safe and Prosperous Communities. It is our track record of repeated challenges and changes that has taken Kanadevia to where we are today.



# Our History

1881-1899

## Linking Japan with the world

While relations with foreign countries expanded, the need to travel overseas increased. In response, We began constructing the first-of-its-kind-ship in Japan.

●1881  
E.H.Hunter from Londonderry founded Osaka Iron Works on the banks of Ajikawa river, Osaka.



●1882  
The Hatsu Maru (14GT wooden ship), the first ship, was newly constructed.

●1890  
The Kumagawa Maru, Japan's first steel-hulled ship, was constructed for Osaka Shosen (now Mitsui O.S.K. Lines).

●1893  
The Mukogawa Maru, our first electric-light wired ship was constructed.



1900-1949

## Improving infrastructure in Japan

While expanding our shipbuilding business, our skills for cutting plates and precision welding for shipbuilding were applied to ground products such as bridges and hydraulic gates starting from the Taisho era.

●1900  
Bridge building business starts.

●1927  
Dojima Ohashi, an arch bridge, and other structures were built for the city of Osaka.



●1934  
The company makes a new start as Osaka Iron Works Incorporated.

●1943  
The company renamed to Hitachi Zosen Corporation.

1950-1979

## Bringing overseas technologies to Japan

Improved our technical capabilities and promoted technical collaboration with overseas companies. After entering the iron machinery field, the challenge started for refuse incineration plant engineering.

●1950  
Technological collaboration agreement with B&W-type diesel engines was concluded.



●1960  
Technological collaboration agreement with Von Roll Environmental Technology Ltd. of Switzerland for incineration plants was concluded.

●1965  
Sakai Works started operation. Incineration plant for the city of Osaka was completed (the first mechanical incineration plant in Japan with a power generation facility).



●1969  
Incineration plants for Tokyo were built.

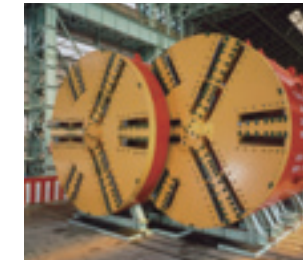
1980-2000

## Making a better world with our technology

Bringing technological innovation to various fields with engineering technologies passed on through the generations.

●1981  
100th anniversary of foundation

●1987  
World's first multiple-face shield tunneling machine completed.



●1993  
Construction of Japan's first double hull VLCC completed.

●1994  
World's first triple-face shield tunneling machine completed.



●1996  
Operation of Japan's first incineration plant with super power generation started.



●1997  
Order received for the world's first fifth-generation semisub rig.

●2000  
Yumemai Ohashi, the world's first floating swing bridge constructed.



2001-

## Solving the world's problems

Helped solve water shortages around the world with the construction of desalination plants in the Middle East. 2011, celebrating the 130th anniversary of foundation.

●2001  
Large-scale seawater desalination plant constructed in Saudi Arabia.

●2002  
Shipbuilding business separated.

●2003  
Seawater desalination plant for Oman constructed.



●2006  
Seawater desalination plant for Abu Dhabi constructed.

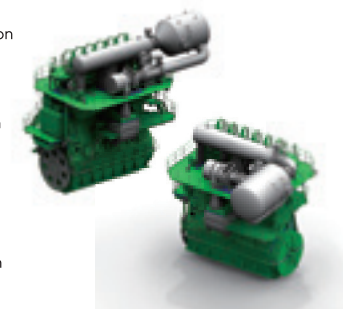
●2007  
Order received for the world's largest coal-to-liquids (CTL) reactor from the Republic of South Africa.

●2010  
Acquired AE&E Inova AG (now Hitachi Zosen Inova), a European refuse incineration plant manufacturer.



●2011  
130th anniversary of foundation

●2017  
Received the first order for a Selective Catalytic Reduction system for marine engines in compliance with the International Maritime Organization's Tier III NOx emission control by applying proven denitrification technology for the elimination of NOx from exhaust gases from land-based plants.



●2021  
140th anniversary of foundation

●2024  
Changed trade name to Kanadevia Corporation.

# Energy

- Energy-from-Waste Plants
- Biomass Plants
- Wind Power Generation
- PPS (Power Producer and Supplier)
- Power Generation Plants
- AOM Business  
(After-sales Service, Operation and Maintenance)

## Connecting the world with our environmental technology network and contributing to the preservation of the global environment

Kanadevia Group technology is at work 24/7, all over the world. For example, our Energy-from-Waste Plants take the garbage you discard and turn it into energy to be delivered back to your home. Energy-from-Waste technology transforms waste into fuel used to produce electricity. Kanadevia Group has delivered over 1500 (As of March 2024) such plants worldwide; our plants are converting waste to electricity 24/7 somewhere in the world. As a leader in Energy-from-Waste, having built the first plant in Japan, Kanadevia Group will continue to deliver plants with even higher efficiencies around the globe.



Energy from Waste Plant, Hinwil, Switzerland

## Technology / Products



Clean Authority of Tokyo/ Suginami Incineration Plant

### ● Energy-from-Waste Plants

Energy-from-Waste plants are designed to produce power from energy generated through hygienically controlled waste incineration and treatment processes. Together with Kanadevia Inova AG (Switzerland), Kanadevia has built Energy-from-Waste plants all over the world.



No. 2 Omonogawa Wind Power Station

### ● Wind Power Generation

Producing power from wind. In Akita prefecture, a full-scale wind farm with a capacity of 2,000kW\*4 units are in operation.



Akita Biogas Power Station

### ● Biomass Plants

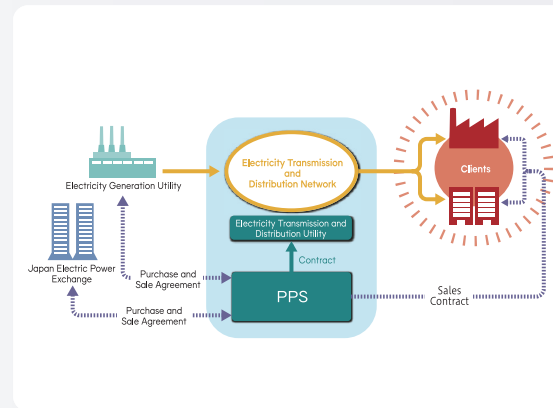
Energy recovered from Biomass Plants through methane generated from raw garbage. Our solutions include design, operation and management of biomass power plants that generate electricity from woody biomass including timber thinnings.



Kanadevia Ibaraki Power Station

### ● Power Generation Plants

We supply power generation facilities and cogeneration systems such as gas turbines, gas engines and diesel engines operated and controlled depending on electric power demand.



### ● PPS (Power Producer and Supplier)

Contributing to a low carbon society by utilizing energy from waste, a form of renewable energy.



Rinkai Plant Central Control Room

### ● AOM Business (After-sales Service, Operation and Maintenance)

Providing after-sales services to more than 140 refuse incineration facilities and recycling facilities. Also contracted for operation control services with more than 50 facilities and comprehensive operation services with more than 30 facilities.

## Desalination / Water Treatment

- Seawater Desalination Plants
- Sewage Treatment Plants
- Sewage and Industrial Waste Water Treatment Plants
- Filter Presses
- AQSEV Membrane Filters

### Contributing to supply safe drinking water through desalination and purification

About 1/6 of the world's population is unable to secure safe drinking water. Many of our plants are built in the Middle East and on remote islands, where drinking water is made from seawater and provided to the local community. Additionally, water supply can be made available on short notice when earthquakes or other emergency situations arise using fiber filtration materials.



RO Seawater Desalination Plant (Qatar)

## Technology / Products



MSF (Multi-Stage Flash) method Desalination Plant (Qatar)

### ● Seawater Desalination Plants

Starting with our first desalination plant built in 1971, Kanadevia has constructed about 40 plants to date, mainly in Japan and the Middle East. Through an effective transformation of seawater to fresh water, our plants serve domestic water to about 4 million people.



Sanbugunshi Kouiki Gyousei Kumiai / Environment Aqua Plant

### ● Sewage Treatment Plants

As a leading company in sewage treatment, our solutions are tailor-made, taking into consideration the qualities and quantities of liquid organic waste and regional conditions. Our experience extends to installation of numerous facilities for hygienically treating raw sewage and septic tank sludge.



### ● Filter Presses

Filter Presses are solid-liquid separation apparatus that can filter, cleanse and dehydrate. Our Filter Presses have been delivered to various industries, achieving the highest number of installments in their class.



Hanno Purification Center

### ● Sewage and Industrial Waste Water Treatment Plants

With extensive experience and achievements in the fields of potable water, sewage, and industrial waste water treatment, the facilities and equipment Kanadevia provides cover various processes and meet client needs.



Demo unit of Truck-loading AQSEV®(AMF-180SD)

### ● AQSEV Membrane Filter

Limiting piping as much as possible reduces the space required for the combined equipment of a membrane filter. The membrane filter can be loaded on a truck to be deployed to disaster water stations as part of disaster response for immediate water purification.

## Marine Equipment



### Providing equipment that satisfies clients all over the world

By adapting systems from proven denitrification technology for eliminating NOx from exhaust gases from land-based plants, Kanadevia produced the world's first SCR systems for marine diesel engines that are compliant with Tier III NOx emission standards of the International Maritime Organization.

Electronically controlled marine diesel engine

### Technology / Products

- Marine Engines
- SCR (Selective Catalytic Reduction) Systems for Marine Engines
- Dual Fuel Engines



MANB&W model 6SME-C electronically controlled engine

#### • Marine Engines

Since establishing a long and sound technical cooperation relationship with MAN Energy Solutions (formerly MAN Diesel & Turbo) and Winterthur Gas & Diesel, Hitachi Zosen Marine Engine has been mainly producing mid- to large-scale electronically controlled marine diesel engines. The marine diesel engines we produce are shipped all over the world using a 500t crane, after passing a strict and thorough test run for performance and quality.



#### • SCR (Selective Catalytic Reduction) Systems for Marine Engines

To comply with NOx emission standards, our SCR systems for marine engines (HP / LP) are available for any fuel (high sulfur, low sulfur, LNG) and main unit size.



#### • Dual Fuel Engines

As next generation marine engines, Dual Fuel Engines can run not only on conventional heavy oil but also on natural gas. Conventional diesel engines, can be converted to run on natural gas as DF engines.

## Plant Equipment / Press Machines



Pressure Vessels

### All for delivering high-quality products

Equipment for plants are manufactured with a 10,000t Press Machine that can process steel plates up to 300mm thick and an annealing furnace that can heat treat fully-assembled large equipment. Having built-up high-level manufacturing technology through our wide array of manufacturing achievements and under strict quality control, large-scale pressure vessels and heat exchangers are manufactured and delivered to countries all over the world.

### Technology / Products

- Pressure Vessels
- Nuclear Fuel Cycling-Related Equipment
- Boilers
- Press Machines



#### • Pressure Vessels

As one of the few manufacturers to have established the technology to manufacture plate construction reactors with vanadium-enhanced chrome molybdenum steel, Kanadevia can deliver high-quality reactors.



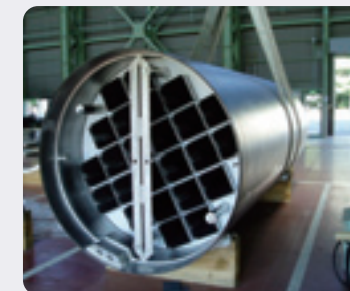
#### • Nuclear Fuel Cycling-Related Equipment

With a US engineering company joining our group, Kanadevia is now providing global all-in-one solutions, from consultation, design, and manufacturing to transportation of spent nuclear fuel transport casks and storage casks.



#### • Boilers

As an important element of a cogeneration facilities and a combined power generation facilities, Kanadevia has and continues to provide many Waste Heat Recovery Boilers.



#### • Press Machines

With a focus on the automobile industry, more than 3,300 units of our highly-trusted mid- to large-scale Press Machines have been delivered to customers in Japan and all over the world.

Semiconductor / FPD-related Equipment



Pressure Vessels

Providing the best product with technology and ideas

Our products and solutions are installed in manufacturing processes of smartphones, LCD TV's, OLED devices, solar panels, and more. From experimenting apparatus to installment of manufacturing lines, our products and solutions can meet a variety of requirements.

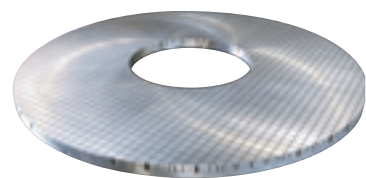
Technology / Products

- Polishing Equipment
- Lapping Plates
- High Quality Films / Sheet Extruding Equipment
- Vacuum Valves
- Vacuum Equipment
- Polishing Technique



● Polishing Equipment

We design and manufacture polishing equipment to respond to the ever growing size of glass substrates and special needs.



● Lapping Plates

Our material produced mainly through casting methods are supplied as parts for the precision machinery such as Lapping Plates.



● High Quality Films / Sheet Extruding Equipment

With our own developed elastic metal rolls (UF Roll) and super-precise reducer, high quality sheets and films, used for various application such as optical and semi conductor, and more are easily and stably produced.



● Vacuum Equipment

Our Vacuum Equipment is designed and manufactured for purposes ranging from research and development to mass production, supporting manufacturers of FPDs, semiconductors and solar batteries.



● Vacuum Valves

We offer optimal driving systems, as shown by the many deliveries of our Vacuum Valves to equipment manufacturers in a variety of industries such as semiconductors, FPDs, organic ELs, and more.



● Polishing Technique

Using Electrochemical Buffing and the Juno Process, a next-generation precision polishing process, we provide nano-level smoothness, excellent homogeneity, corrosion resistance, non-adhesion, and cleanliness.

FPD : Flat Panel Display  
OLED : Organic Light Emitting Diode

Food and Pharmaceutical Equipment



Food Filling and Packaging Systems

Achieving both eco-friendliness and food safety

Kanadevia Group has a long track record of delivering filling and packaging systems for foods, cosmetics, and medical products. With peace-of-mind and safety as our watchwords, we offer solutions that increase efficiency and productivity.

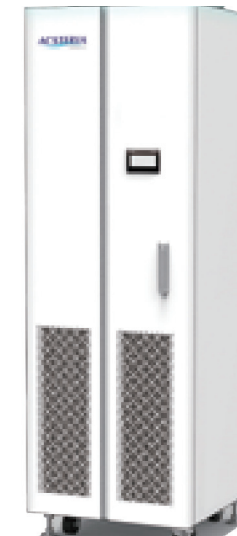
Technology / Products

- Food Filling and Packaging Systems
- ACSTERIA, a space sterilizer using deep UV LEDs
- Foreign Substance Separation Systems for Food
- Image and Image Processing and Storage Systems



● Food Filling and Packaging Systems

From container feeding to filling and packaging. With extensive achievements and technologies, our full range of production system offerings can perform filling, cleaning, packaging and carrying.



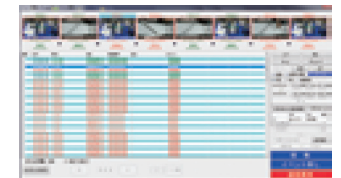
● Indoor airborne virus countermeasures: ACSTERIA

ACSTERIA is a commercial-use space sterilizer that uses deep ultraviolet LEDs to sterilize 99.9% of airborne viruses. Space sterilization is possible in a short time that is difficult to achieve when using general air purifiers. For example, at maximum air volume, ACSTERIA achieves 99% sterilization of a space with a floor area of 100 m<sup>2</sup> (about 60 tatami mats) in approximately 50 minutes.



● Foreign Substance Separation Systems for Food

With more than 30 years of experience in manufacturing equipment for identifying foreign substances in food products, we offer two types of equipment: image and mechanical. Our equipment has been supplied to over 400 clients with more than 1,500 machines installed.



● Food Defense and Management Recording Systems

Our digital recorder is specially designed for food production facilities. Using cameras installed at CCP, all images of products conveyed on production lines are stored for a period extending past the recommended best-by date.



## Electric Control Equipment



Surface Mounter

### Responding to every need with unlimited craftsmanship

With abundant experience accumulated over the years, a one-stop support service from development to after-sales services of control systems for industrial machinery, equipment, plants, production equipment and industrial infrastructure is made available.

### Technology / Products

- Various Control Systems
- High-precision GNSS Systems
- Accelerator Control Systems
- Electronic Boards



Train Recorder

#### • Various Control Systems

High precision and high stability systems are built by incorporating board computers, personal computers and PLCs into control panels.

This apparatus records forward images of railway operations by applying our original Digital Video Recording (HSR) technology.



Spring-8/SACLA photo courtesy of RIKEN

#### • Accelerator Control Systems

Kanadevia developed the Control Systems for Japan Photon Accelerator Research Complex "J-PARC", Super Photon ring-8 "SPRing-8", and X-ray Free Electron Laser (XFEL) facility "SACLA".



GNSS CORS(Geospatial Information Authority of Japan)

#### • High-precision GNSS Systems

Based on high precision GNSS (Global Navigation Satellite System) technology, Kanadevia provides combined systems consisting of various sensing technology, such as RFID, lasers, gyros, and map matching.



#### • Electronic Boards

Enabling Life Cycle extensions of legacy boards with over 30 years of experience. Customizing service made available based on reference boards mounted with our original processor.



## Hydrogen and Methane related Equipment



PIG SQUARE

### Contributing to environmental conservation by reducing CO<sub>2</sub> through advanced technologies

Responding to the Sunshine project announced by the Ministry of International Trade and Industry Agency of Industrial Science and Technology in 1974, Kanadevia has since been developing hydrogen generation systems in anticipation of a future hydrogen society. We have also been continuously involved in the research and development of methanation that generates methane through chemical reactions between renewable energy sourced hydrogen and CO<sub>2</sub>, virtually promoting carbon-neutral measures that are effectively reducing the use of fossil fuels.

- Hydrogen Generation Systems
- SOFC Power Systems
- Electro-chlorination Systems
- Methanation Equipment

### Technology / Products



#### • Electro-chlorination Systems

Sodium hypochlorite generated by a direct electrolysis process of seawater or brine is used to disinfect water and sewerage and to prevent system bio-fouling in power plants, refineries, and other plants also.



#### • Methanation Equipment

Uses technology to generate methane by reacting a renewable energy sourced hydrogen with CO<sub>2</sub>.



#### • SOFC Power Systems

With high expectations as a stationary power generator for its supreme power generation efficiency, low noise and low vibration, and fuel diversity, the SOFC (Solid Oxide Fuel Cell) is a power generator that converts the fuel's chemical energy directly to electricity.



#### • Hydrogen Generation Systems

HYDROSPRING is an onsite hydrogen generator that electrolyzes water to generate and supply high-purity hydrogen gas. In recent years, hydrogen has been attracting attention as a form of next-generation energy. It is expected to be used as clean energy by combining it with CO<sub>2</sub>-free electricity such as renewable energy (Power to Gas). HYDROSPRING® meets this demand. Kanadevia will meet the demands of a wide variety of water electrolysis systems and contribute to the realization of a hydrogen-based society.



Shield tunneling machines

## Preventing and mitigating disaster through Kanadevia's technologies

Kanadevia group is connecting today's safe living to tomorrow's by making improvements to social infrastructures and realizing sustainable disaster prevention and mitigation for society.

- Bridges
- Steel Stacks
- Hydraulic Gates
- Shield Tunneling Machines
- Flap-Gate Type Seawall against flood disaster
- Large Marine Structures

## Technology / Products



Stonecutters Bridge (Hong Kong)

### • Bridges

Over 2,500 bridges built in Japan and overseas, including the Wakato Bridge, which was the first hanging bridge in Japan, and the Akashi-Kaikyo Bridge and the Stonecutters Bridge in Hong Kong.



### • Steel Stacks

Kanadevia has built more than 200 steel stacks in Japan and overseas since the middle of the 1950s, contributing to social infrastructure improvement based on technical knowledge and experience accumulated through the design, manufacture, and construction of ships, bridges and hydraulic gates.



Nam Ngum Water Gate, Laos

### • Hydraulic Gates

Kanadevia has a history of more than 100 years as a manufacturer of hydraulic gates and penstocks, delivering many large and middle-sized gates for dams and rivers in Japan and overseas.



Floating Temporary Closing Facility (Tsuruta Dam)

Playing an active role in the redevelopment of dams without disrupting the dam's operation.



neo RiSe® Land-Mounted Flap-gate Retractable Seawall

### • Flap-Gate Type Seawall against flood disaster

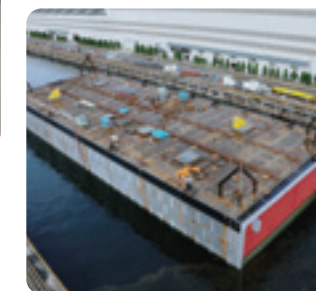
Using the buoyancy of inundation from tsunamis, high tides and floods, a Flap-Gate that rises automatically was developed as a flood control facility (above). Board-like shutter seabed-mounted types that use the buoyancy and water pressure from tsunamis and high tides to rise are placed at entrances of ports on the seabed (left).



17.45m diameter earth pressure balance Shield Tunneling Machine for the city of Seattle, USA.

### • Shield Tunneling Machines

The originally made Shield Tunneling Machines are the monument of bringing together the technologies of the Kanadevia group, where they have been deployed all over the world, including the massive underground automobile road construction in Seattle, USA, the Bosphorus Cross-Channel Tunnel in Turkey and subways in India.



Immersed Tunnel

### • Large Marine Structures

Many structures on, in, and under the water, including immersed tunnels, floating structures, steel jackets, and steel plate cells.

Kanadevia has built over 40 undersea tunnels, where the main unit has a structure made of steel and concrete, including the Osaka Port Sakishima tunnel, and the Kobe Port Minatojima tunnel.

\*On October 1, 2021, Underground Infrastructure Technologies Corporation, newly established based on the joint incorporation type company split with Kawasaki Heavy Industries, Ltd., hereafter will provide Tunnel Boring Machine (TBM) business (including the design, development, repair and sales of TBMs, civil engineering machines, etc., and their parts; however, excluding manufacturing related business).



Other

## Solid-state Lithium-ion Batteries

The following materials are being jointly developed with our customers, some of which have already been launched in the market. Development will continue extensively, while also discovering other market needs.

### A next-generation battery expected to be a game changer in the future

Solid-state Lithium-ion Batteries are made by replacing the organic electrolytes, used in mainstream lithium-ion batteries, with solid electrolytes. Some of its main features are high safety, high environmental resistance and long lifetime. They can operate from ultracold to high temperature conditions and can be used in to situations where it was difficult for lithium-ion batteries to be applied.

- An all-solid-state lithium-ion battery (AS-LiB®) is a battery that uses solid substances for all its constituent materials.

- Kanadevia has developed a proprietary manufacturing method that utilizes machining technology.

- This manufacturing method eliminates the mechanical pressurization required when charging and discharging conventional all-solid-state lithium-ion batteries.



## Technology / R&D Bases

### Uniting all of Kanadevia with our leading technologies

Kanadevia continues to apply ourselves to technical development by having the business headquarters and Group Companies closely cooperate with one another to speed up development of new businesses and new products, and to further develop production technologies.

Also by utilizing ICT, Kanadevia intends to enhance and add value to our business and products. Additionally, hubs have been established to enhance work on leading technologies such as IoT (Internet of Things), big data and AI (artificial intelligence).

## Research & Development Hubs



● Technical Research Institute



● Precision Machinery Center

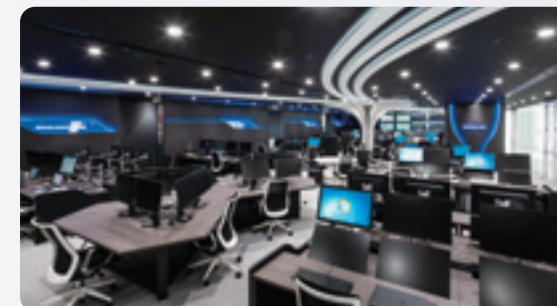


● Business & Product Development Center



● Control Equipment Center

## ICT Hubs



### ● Remote Monitoring and Operational Support Center

Providing remote monitoring services, operation support, and diagnostic services to various facilities, including Energy-from-Waste plants and equipments.



### ● Advanced Information Technology Center

1. Creating new value for business by establishing a hub for IoT and big data analytics
2. Sharing open spaces with customers and partners for co-creation and open innovation
3. A new ICT hub to be opened in October 2018 on the premises of the Osaka Head Office with the aim of expanding the AOM Business, accelerating the creation of new business and new products by fully utilizing leading technologies such as AI (artificial intelligence).

AOM : After-sales Service, Operation and Maintenance



## Kanadevia Group network around the world

Date founded April 1, 1881  
Date established May 29, 1934

### Domestic Offices

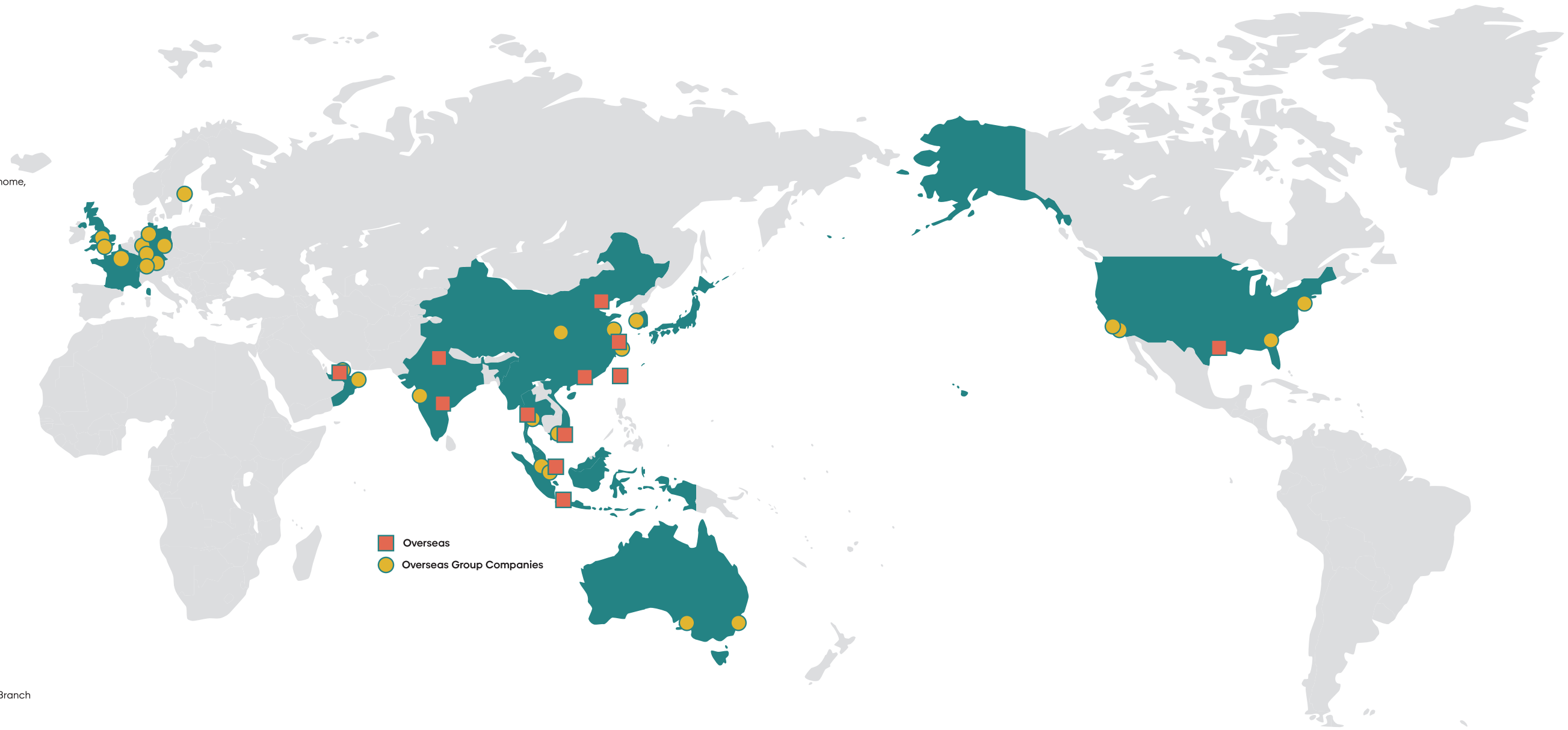
- Head Office  
7-89, Nankokita 1-chome, Suminoe-ku,  
Osaka 559-8559, Japan  
Phone: +81-6-6569-0001  
Facsimile: +81-6-6569-0002
- Tokyo Head Office  
15th Floor, Omori Bellport 26-3, Minamioi 6-chome,  
Shinagawa-ku, Tokyo 140-0013, Japan  
Phone: +81-3-6404-0800  
Facsimile: +81-3-6404-0809
- Technical Research Institute
- Sapporo Office
- Sendai Office
- Nagoya Office
- Hiroshima Office
- Fukuoka Office
- Kumamoto Office
- Okinawa Office

### Domestic Works

- Ariake Works
- Mukaishima Works
- Innoshima Works
- Chikkou Works
- Sakai Works
- Maizuru Works
- Ibaraki Works

### Overseas

- Abu Dhabi Branch
- Taipei Branch
- Singapore Branch
- Kanadevia U.S.A. Ltd.
- Kanadevia India Private Limited
- Kanadevia India Private Limited Hyderabad Branch
- Kanadevia (THAILAND) CO., LTD.
- PT. Kanadevia INDONESIA
- Kanadevia (Shanghai) Trading Co., Ltd.
- Kanadevia (Shanghai) Trading Co., Ltd. Beijing Branch
- Kanadevia (Shanghai) Trading Co., Ltd. Guangzhou Branch



■ Overseas  
● Overseas Group Companies